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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,794	07/31/2003	Satoshi Ogiwara	00862.023166.	7878

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FITZPATRICK CELLA HARPER & SCINTO  
30 ROCKEFELLER PLAZA  
NEW YORK, NY 10112

EXAMINER

MCLEAN, NEIL R.

ART UNIT	PAPER NUMBER
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2609

MAIL DATE	DELIVERY MODE
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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/630,794

Applicant(s)

OGIWARA ET AL.

Examiner

Neil R. McLean

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 31 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>See Continuation Sheet</u> . | 6) <input type="checkbox"/> Other: _____  |

Continuation of Attachment(s) 3). Information Disclosure Statement(s)-(PTO/SB/08), Paper No(s)/Mail Date  
:11/24/2003;12/08/2004;11/07/2005.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Tsujimoto, (US 2005/0111015).

Regarding Claim 1:

A digital camera (2701 in Figure 27 and 2801 in Figure 28) which can directly communicate (2703 in Figure 27 and 2803 in Figure 28 and [0396]) with a printer (2702 in Figure 27 and 2802 in Figure 28) comprising:

reception means ([0395] , [0400] , and [0404]) for receiving information associated with a function of the printer from the printer; and

a user interface (See Print Set Input Operating Unit 2817 in Figure 28) for, when the printer has a function of automatically detecting a paper size ([0402]), notifying a user that the printer has that function ([0415]).

Regarding Claim 2:

A digital camera (2701 in Figure 27 and 2801 in Figure 28) which can directly communicate ( 2703 in Figure 27 and 2803 in Figure 28 and [0396]) with a printer (2702 in Figure 27 and 2802 in Figure 28) comprising:

reception means ([0395] , [0400] , and [0404]) for receiving information associated with a function of the printer from the printer; and

a user interface (See Print Set Input Operating Unit 2817 in Figure 28) for, when the printer has a function of automatically detecting a paper type ([0402]), notifying a user that the printer has that function ([0415]).

Regarding Claim 3:

A digital camera (2701 in Figure 27 and 2801 in Figure 28) which can directly communicate ( 2703 in Figure 27 and 2803 in Figure 28 and [0396]) with a printer (2702 in Figure 27 and 2802 in Figure 28) comprising:

reception means ([0395] , [0400] , and [0404]) for receiving information associated with a function of the printer from the printer; and

a user interface (See Print Set Input Operating Unit 2817 in Figure 28) for, when the printer has functions of automatically detecting paper size and type ([0402]), notifying a user that the printer has these functions ([0415]).

Regarding Claim 4:

A printer (2702 in Figure 27 and 2802 in Figure 28) which can directly communicate (2703 in Figure 27 and 2803 in Figure 28 and [0396]) with a digital camera (2701 in Figure 27 and 2801 in Figure 28), comprising:

paper size detection means for automatically detecting a paper size ([0402]);  
and

transmission means ([0395] , [0400] , and [0404]) for transmitting information indicating that said printer has a function of automatically detecting the paper size to the digital camera.

Regarding Claim 5:

A printer (2702 in Figure 27 and 2802 in Figure 28) which can directly communicate (2703 in Figure 27 and 2803 in Figure 28 and [0396]) with a digital camera (2701 in Figure 27 and 2801 in Figure 28), comprising:

paper type detection means for automatically detecting a paper type ([0402]);  
and

transmission means ([0395] , [0400] , and [0404]) for transmitting information indicating that said printer has a function of automatically detecting the paper type to the

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digital camera.

Regarding Claim 6:

A printer (2702 in Figure 27 and 2802 in Figure 28) which can directly communicate (2703 in Figure 27 and 2803 in Figure 28 and [0396]) with a digital camera (2701 in Figure 27 and 2801 in Figure 28), comprising:

paper size detection means for automatically detecting a paper size ([0402]);

paper type detection means for automatically detecting a paper type ([0402]) and ;

transmission means ([0395] , [0400] , and [0404]) for transmitting information indicating that said printer has functions of automatically detecting the paper size and type to the digital camera.

Regarding Claim 7:

An image input apparatus (2701 in Figure 27 and 2801 in Figure 28) which can directly communicate with an image output apparatus (2702 in Figure 27 and 2802 in Figure 28), comprising:

reception means ([0395] , [0400] , and [0404]) for receiving information associated with a function of the image output apparatus from the image output apparatus; and

a user interface ([0415]) for, when it is determined based on the information that the need for selection of a paper size is obviated, advising a user accordingly.

Regarding Claim 8:

The apparatus according to claim 7, wherein said user interface inhibits the user from selecting the paper size.

Regarding Claim 9:

The apparatus according to claim 7, wherein the image output apparatus has a function of automatically detecting the paper size ([0402]).

Regarding Claim 10:

The apparatus according to claim 7, wherein said user interface notifies the user that the image output apparatus has a function of automatically detecting the paper size ([0402]).

Regarding Claim 11:

The apparatus according to claim 7, wherein said image input apparatus is a digital camera (2701 in Figure 27 and 2801 in Figure 28).

Regarding Claim 12:

The apparatus according to claim 7, wherein the image output apparatus is a printer (2702 in Figure 27 and 2802 in Figure 28).



***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ozawa et al. (US 2003/0016378) discloses image processing system which can print an image sensed by the digital camera using the printing apparatus without the intervention of any computer, and a digital camera and printing apparatus suitable for the image processing system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neil R. McLean whose telephone number is 571.270.1679. The examiner can normally be reached on Monday through Friday 7:30AM-5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Liu Shuwang can be reached on 571.272.3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Neil R. McLean  
05/14/2007



**SHUWANG LIU**  
**SUPERVISORY PATENT EXAMINER**